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L12: Entry 1 of 1

File: DWPI

Nov 28, 2006

DERWENT-ACC-NO: 2007-120566

DERWENT-WEEK: 200712

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TITLE: Portable radio, for use over wireless radio network, has continuous tone coded squelch system with emergency tone enabling output of another radio if latter radio has been set to same tone as former radio

INVENTOR: STRAUB, H J

PATENT-ASSIGNEE: [GARMIN](#) LTD (GARMN)

PRIORITY-DATA: 2001US-0002573 (November 1, 2001)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> US 7142900 B1	November 28, 2006		009	H04B001/10

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 7142900B1	November 1, 2001	2001US-0002573	

INT-CL (IPC): H04B 1/10

ABSTRACTED-PUB-NO: US 7142900B

BASIC-ABSTRACT:

NOVELTY - The radio (10) has a radio transceiver transmitting and receiving voice communication to and from another radio. A continuous tone coded squelch system (CTCSS) controls an audio output of the transceiver, so that a user of the former radio hears certain communications transmitted over a wireless radio network. The CTCSS has an emergency CTCSS tone that enables an output of latter radio if the latter radio has been set to the same tone as the former radio. Location data for the former radio is transmitted either before or after a push-to-talk button is released when the user pushes the button.

USE - Used for communicating with another portable radio over a wireless radio network.

ADVANTAGE - The continuous tone coded squelch system (CTCSS) includes an emergency CTCSS tone that, when selected and transmitted, enables the audio output of the latter radio if the latter radio has been set to the same CTCSS tone as the former radio, thus enabling a user to hear the emergency message unless the CTCSS on their

radios is turned off or tuned into the same sub-audible tone transmitted with the emergency message. The location data for the radio is transmitted either before or after the push-to-talk button is released when the user pushes the button, so two important functions are combined into one input device, thus reducing complexity and cost of the radio, and hence resulting in the automatic transmission of location data every time the user transmits a voice communication.

DESCRIPTION OF DRAWING(S) - The drawing shows components of a global positioning system (GPS)/radio unit.

Portable radio 10

push-to-talk (PTT) button 38

Emergency call indicator 40

ABSTRACTED-PUB-NO: US 7142900B
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.2/4

DERWENT-CLASS: T01 W01
EPI-CODES: T01-C03C; T01-N01D; T01-N02A2; T01-N02B2A; W01-B05A1; W01-C05A; W01-C05B4G;

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☐ 1. Document ID: US 7099775 B1

L9: Entry 1 of 17

File: DWPI

Aug 29, 2006

DERWENT-ACC-NO: 2006-667673

DERWENT-WEEK: 200676

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TITLE: Personal digital assistant for navigational system, comprises Hall Effect switch to control switching between personal digital assistant component and navigation component

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 7099771 B1

L9: Entry 2 of 17

File: DWPI

Aug 29, 2006

DERWENT-ACC-NO: 2006-633376

DERWENT-WEEK: 200666

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TITLE: Navigation interface system for portable electronic device e.g. cell phone, has application module that selectively interfaces with one of the navigation modules, guidance modules, mapping modules and routing modules

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 6975940 B1

L9: Entry 3 of 17

File: DWPI

Dec 13, 2005

DERWENT-ACC-NO: 2006-036094

DERWENT-WEEK: 200604

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TITLE: Navigation system for marine craft, has server for generating route from starting location and ending location by inserting adjacent locations with least cost into data structure

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6889138 B1

L9: Entry 4 of 17

File: DWPI

May 3, 2005

DERWENT-ACC-NO: 2005-381274

DERWENT-WEEK: 200539

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TITLE: Personal digital assistant for e.g. global positioning system, has display provided to display cartographic data, where assistant recognizes when planning device provides overlay screen on top of displayed screen to display

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw De
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☐ 5. Document ID: US 6980906 B2, US 20050065718 A1

L9: Entry 5 of 17

File: DWPI

Dec 27, 2005

DERWENT-ACC-NO: 2005-293900

DERWENT-WEEK: 200603

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TITLE: Navigation system for e.g. automobile, has navigation device sending locations to server for calculating route between locations and receiving route from server, and integrated global position system receiver coupled to processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw De
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☐ 6. Document ID: US 6871144 B1

L9: Entry 6 of 17

File: DWPI

Mar 22, 2005

DERWENT-ACC-NO: 2005-281874

DERWENT-WEEK: 200529

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TITLE: Portable Global Positioning System (GPS) unit, has processor to compute route that may be traveled by the GPS unit to go to estimated future location of the moving waypoint based on the received signals and location data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KM/C	Draw De
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☐ 7. Document ID: US 6845323 B1

L9: Entry 7 of 17

File: DWPI

Jan 18, 2005

DERWENT-ACC-NO: 2005-098386

DERWENT-WEEK: 200522

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TITLE: Electronic navigation device, has processor making elevation profile of changes in elevation between locations, and keypad input includes information

defining route between locations, where profile changes in elevation along route

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 8. Document ID: US 6816782 B1

L9: Entry 8 of 17

File: DWPI

Nov 9, 2004

DERWENT-ACC-NO: 2004-830845

DERWENT-WEEK: 200482

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TITLE: Portable electronic device e.g. personal digital assistant, has transceiver which transmits stored navigation related data including planned routes with calculated thoroughfares to other portable electronic devices, wirelessly

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 9. Document ID: US 6882932 B2, US 20040193366 A1

L9: Entry 9 of 17

File: DWPI

Apr 19, 2005

DERWENT-ACC-NO: 2004-717927

DERWENT-WEEK: 200527

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TITLE: Navigation system e.g. global positioning system, for monitoring city street and traffic, has navigation device that retrieves navigation data from storage device to generate current score associated with current position and bearing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 10. Document ID: US 6799115 B1

L9: Entry 10 of 17

File: DWPI

Sep 28, 2004

DERWENT-ACC-NO: 2004-687812

DERWENT-WEEK: 200467

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TITLE: Personal digital assistant for use within navigational device, has memory in cooperation with processor packing coordinate data and associating portion of activation data with coordinate data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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L9: Entry 11 of 17

File: DWPI

Aug 10, 2004

DERWENT-ACC-NO: 2004-623438

DERWENT-WEEK: 200530

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TITLE: Personal digital assistant, has memory with cartographic data and thoroughfares, and global positioning system patch antenna coupled to processor and located above display within one housing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 12. Document ID: US 7062378 B2, US 20040153239 A1

L9: Entry 12 of 17

File: DWPI

Jun 13, 2006

DERWENT-ACC-NO: 2004-624299

DERWENT-WEEK: 200639

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TITLE: Navigation device for vehicle, includes processor to compute location of the navigation device as function of the satellite signals received by GPS receiver, and creates a route to navigate to the desired destination

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 13. Document ID: US 6751552 B1

L9: Entry 13 of 17

File: DWPI

Jun 15, 2004

DERWENT-ACC-NO: 2004-497062

DERWENT-WEEK: 200542

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TITLE: Handheld navigation device e.g. PDA for car, has touch panel mounted in opening of housing, where touch panel and housing forms waterproof enclosure within which navigation component determining device location is placed

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw De
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☐ 14. Document ID: US 6581003 B1

L9: Entry 14 of 17

File: DWPI

Jun 17, 2003

DERWENT-ACC-NO: 2003-677750

DERWENT-WEEK: 200530

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TITLE: Electronic navigational aid device for global positioning system, has processor that operates route calculation algorithm to find path between any two locations

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 15. Document ID: US 6407709 B1

L9: Entry 15 of 17

File: DWPI

Jun 18, 2002

DERWENT-ACC-NO: 2002-498851

DERWENT-WEEK: 200253

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TITLE: Mount for mounting portable electronic device to vehicle or vessel, has mounting bracket for device on vehicle body, antenna positioned in housing, which is integrally formed in mounting bracket

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 16. Document ID: US 6188955 B1

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File: DWPI

Feb 13, 2001

DERWENT-ACC-NO: 2001-501701

DERWENT-WEEK: 200155

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TITLE: Vehicle mounted electronic navigation device has processor to define route on common feature, when starting location and destination are within common feature, else defines route on common link or common network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 17. Document ID: US 6144917 A

L9: Entry 17 of 17

File: DWPI

Nov 7, 2000

DERWENT-ACC-NO: 2001-059841

DERWENT-WEEK: 200107

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TITLE: Portable navigation aid, utilizes inputted cartographic data, average speed, thoroughfare type to estimate time on route and time of arrival